

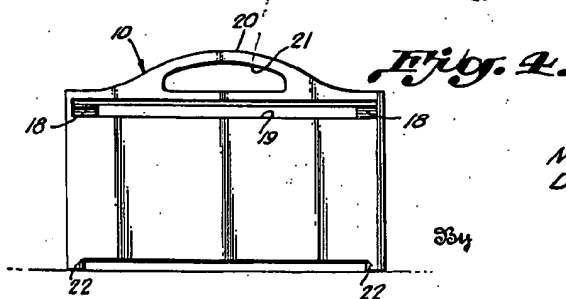
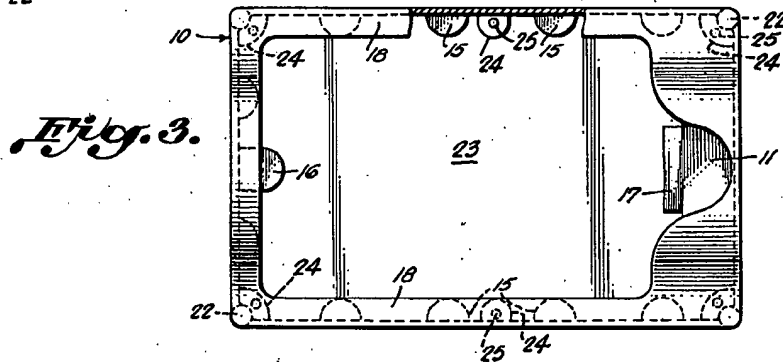
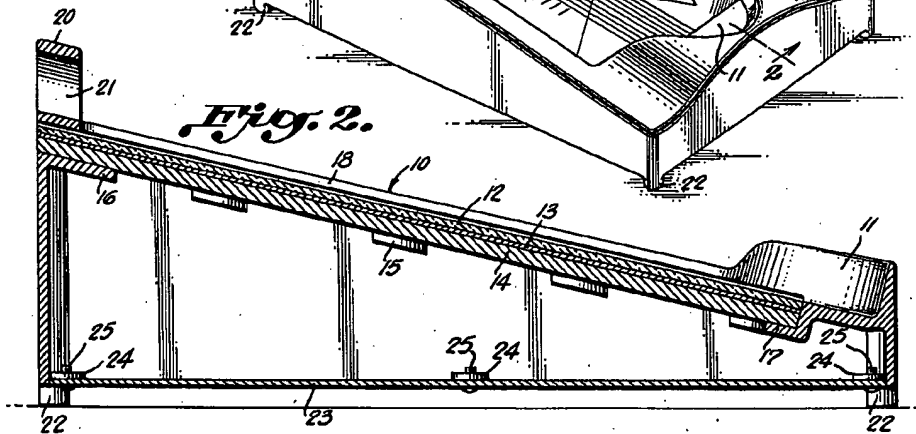
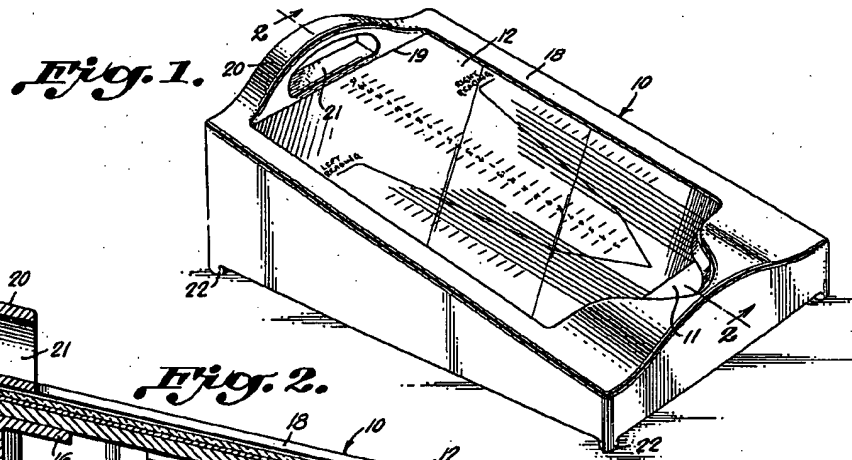
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2,592,188

FOOT MEASURING DEVICE

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FOOT MEASURING DEVICE

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1 Claim. (Cl. 33—3)

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This invention relates to foot measuring devices to be used in determining the proper size and shape of shoe to be fitted to the foot.

Although foot measuring devices have long been used in measuring the feet, most of the devices now on the market are of complicated construction embodying movable parts adapted to get out of order, or being of such weight as to be difficult to carry from place to place. Those that are of simplified construction rarely accomplish the proper measurement of the feet.

The primary object of the present invention is to provide a foot measuring device well adapted to properly measure the feet for shoes, which is of relatively simple construction having few parts, which is inexpensive to manufacture, of light weight, and one that is strong and rigid.

Other objects and advantages of the invention will be apparent as the description progresses, reference being had to the accompanying drawing forming a part of this specification. In the drawings, wherein the same reference characters denote the same parts throughout the several views:

Figure 1 is a perspective view of the foot measuring device forming the subject matter of the present invention.

Figure 2 is a vertical sectional view taken on line 2—2 of Figure 1.

Figure 3 is a top plan view of the frame.

Figure 4 is a rear elevational view of the frame.

Referring to the drawing by reference characters, numeral 10 is used to designate the foot measuring device. The foot measuring device comprises a hollow, rectangularly shaped frame member formed of a light weight metal such as aluminum casting. Any suitable material which is strong and light of weight may be used. As seen in side view, the side walls of the frame are inclined downwardly towards the front end of the device.

The front end of the frame has a raised portion 11 defining a heel receiving recessed portion. A removable panel section, indicated by numerals 12, 13, and 14, which will be discussed in detail below, is supported on a plurality of lugs 15 cast integrally with the frame member and extending within the frame. A lug 16 extending inwardly from the rear wall, and a lug 17 extending inwardly from the front wall complete the supporting structure for the panel. A top ledge 18 extends inwardly from the top edge of the frame and combines with the lug structure to form a groove for slidably receiving the removable panel. A slot 19 extends across the rear face of the frame and forms the entrance slot for the panel.

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The rear wall of the frame has an integrally formed raised portion 20 which is cut out at 21 to form a hand hole for carrying the device from place to place. At each corner of the frame are integrally formed rib members 22, which extend slightly below the lower edge of the frame for supporting the frame off the floor. The rib members also function as reinforcing ribs to add rigidity and strength to the frame.

The panel section referred to above, comprises an upper transparent wall 12, formed of glass or other transparent material, a chart member 13, and a lower supporting wall 14 which may be formed of cast aluminum or any other rigid material. The chart member 13 is visible through the transparent wall 12 as seen in Figure 1, and is suitably inscribed so that either foot may be measured both for length and width, with the numerals and letters on the chart visible to both the fitter and the one being fitted.

In order to further enhance the appearance of the device and also prevent dust from accumulating within the frame, the lower open end of the frame is provided with a removable cover member 23. This cover member is formed preferably of sheet aluminum, which is attractive in appearance and adds little weight to the device. The frame is provided adjacent its lower edge with a plurality of integrally cast lug members 24, having threaded openings for receiving the screws 25 which hold the cover member in place and also permit easy removal thereof.

From the foregoing explanation, it will be appreciated that the person being fitted can be seated with his foot resting on the foot measuring device or can have his measurements taken while standing, the device being sufficiently strong and rigid for this purpose. It will be further appreciated that aside from the removable panel portion and the cover member, the entire frame can be formed from a single casting. It will be further appreciated that the chart is readily replaceable when necessary.

Thus it will be seen that the construction herein shown and described is well adapted to accomplish the objects of the present invention. It will be understood that certain minor changes may be made in the embodiment illustrated without departing from the spirit of the invention. Therefore, we do not wish to be limited precisely to the construction herein shown except as may be required by the appended claims with reference to the prior art.

Having thus described the invention, what is claimed is:

A foot measuring device comprising a frame

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member, a heel receiving ledge at the forward end of the frame member, said frame member having an inwardly extending ledge member, a plurality of lugs extending inwardly from the frame member, said lugs being spaced from the ledge member forming therewith a groove, a slot formed in the rear wall of the frame member to form an entrance to said groove, and a removable panel received in said groove, said panel comprising a lower supporting wall, an intermediate chart member and a transparent top wall.

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